

~~VYAZOV, O.Ye.~~ KONYUKHOV, B.V.; LISHTVAN, L.L.

Capillary micromethod for the agar precipitation reaction. Biol. eksp.
biol. med. 47 no.5:117-120 My '59. (MIRA 12:7)

1. Iz laboratorii immunologii embriogeneza (zav. - kand.med. nauk
O.Ye. Vyazov) Instituta eksperimental'noy biologii (dir. - prof. I.N.
Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom AMN
SSSR N.N. Zhukovym-Verezhnikovym.

(AGAR

precipitation microreaction, capillary method (Rus))

LY SOGOROV, N.V.; VIAZOV, O.Ye.

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(MIRA 13:5)

1. Iz laboratorii immunologii embriogeneza (nav. - kand. med. nauk O.Ye. Vyazov) Instituta eksperimental'noy biologii (dir. - prof. I.N. Mayakiy) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR N.N. Zhukovym-Verezchnikovym.

(PHAGOCYTOSIS)

(ERYTHROCYTES embryology)

VYAZOV, O.Ye.; VOLKOVA, L.S.

Secondary immunological reactivity in invertebrates. Biul. eksp.
biol i med. 50 no.12:62-65 D '60. (MIRA 14:1)

1. Iz laboratorii immunologii embriogeneza (zav. * starshiy nauchnyy
sotrudnik O.Ye. Vyazov) Instituta eksperimental'noy biologii (dir. -
prof. I.N.Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nyy
chlenom AMN SSSR N.G. Kholopinym.
(IMMUNITY) (INVERTEBRATES)

VYAZOV, O. Ye.

Doc Med Sci - (diss) "Immunology of embryogenesis." Moscow, 1961.
28 pp; (Academy of Medical Sciences USSR); 300 copies; price not
given; list of author's works on pp 26-27 (26 entries); (KL,
5-61 sup, 199)

KL 11-61

VYAZOV, O.Ye.; MURASHOVA, A.I.

Normal antibodies during regeneration in invertebrate animals.
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F '61. (MIRA 14:5)

1. Iz laboratorii immunologii embriogeneza (zav. - kandidat med.
nauk O.Ye.Vyazov) Instituta eksperimental'noy biologii (dir. - prof.
I.N.Mayskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nyim chlenom
AMN SSSR N.N.Zhukovym-Verezhnikovym.
(REGENERATION (BIOLOGY)) (ANTIGENS AND ANTIBODIES)
(STARFISHES)

VYAZOV, O.Ye.; SAZHINA, N.V.

Immunobiological study of the process of regeneration of
the crystalline lens in the triton (*Triton taeniatus*). Zhur.
ob. biol. 22 mo.4:305-310 J1-Ag '61. (MIRA 15:6)

1. Institute of Experimental Biology, U.S.S.R. Academy of
Medical Sciences, Moscow.
(CRYSTALLINE LENS) (REGENERATION (BIOLOGY))

VYAZOV, Oleg Yevgen'yevich; BYKOV, V.D., red.; MIRONOVA, A.M., tekhn.
red.

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(EMBRYOLOGY) (IMMUNOLOGY)

VYAZOV, Oleg Yevgenyevich, doktor med. nauk; SHEVCHENKO, Vadim
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[Organism of the mother and the development of the child]
Organizm materi i razvitiye rebenka. Moskva, Izd-vo
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Use of immunological methods for studying the problems of tissue evolution. Izv. AN SSSR Ser. biol. 30 no.1:102-113 Ja-F '65.
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1. Institute of Experimental Biology, Academy of Medical Sciences of the U.S.S.R., Moscow.

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report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
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Conducting immunobiological research on invertebrates at the
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(White Sea--Invertebrates) (Immunology)

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Humoral relations between the bodies of the mother and the fetus
in their clinical and experimental aspects. Vest.AMN SSSR 17
no.11:23-31 '62. (MIRA 16:1)

1. Institut eksperimental'noy biologii AMN SSSR i Institut
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(FETUS) (PREGNANCY) (NEUROCHEMISTRY)

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(EMBRYOLOGY, EXPERIMENTAL) (MENKES, B.)

VYAZOV, G.Ye., kand.med.nauk; TETEN, I.I., nauchnyy sotrudnik

Is it possible to control the development of the embryo?
Nauka i zhizn' 26 no.6:72-73 Jo '81. (MEDA 14:7)

1. Zavodny sledy laboratoriy i. unolo i. embriogenoma
Institut o sperimental'noy biolo i. Meditsinskikh
nauk: 2081 (for Vyazov).
(EMBRYOLOGY)

BUGROVA, V.I., kand. med. nauk; VINOGRADOVA, I.N., kand. biol. nauk;
 D'YAKOV, S.I., kand. med. nauk; ZHDANOV, V.M., prof.;
 ZHUKOV-VEREZHIKOV, N.N., prof.; ZETSOVA, O.H., kand.
 med. nauk; IMSPENETSKIY, A.A., prof.; KALINA, G.P., prof.;
 KAULEN, D.R., kand. med. nauk; KOVALEVA, A.I., doktor med.
 nauk; KRASIL'NIKOV, N.A., prof.; KUDLAY, D.G., doktor biol.
 nauk; LEBEDEVA, M.N., prof.; PERETS, L.G., prof. [deceased];
 PEKHOV, A.P., doktor biol. nauk; PLANEL'YES, Kh.Kh., prof.;
 POGLAZOVA, M.N., kand. biol. nauk; PROZOROV, A.A.; SINITSKIY,
 A.A., prof.; FEDOROV, M.V., prof. [deceased]; SHAGINA-VAGINA,
 V.I., kand. biol. nauk; VYGODCHIKOV, G.V., prof., zamestitel'
 otv. red.; ADO, A.D., prof., red.; LAROVAN, O.A., prof., red.;
 BILIBIN, A.F., prof., red.; BOLDYREV, T.Ye., prof., red.;
 VASHKOV, V.I., doktor med. nauk, red.; VYAZOV, O.Ye., doktor
 med. nauk, red.; GAUZE, G.F., prof., red.; GOSTEV, V.S., prof.,
 red.; GORIZONTOV, P.D., prof., red.; GRINBAUM, F.T., prof.,
 red. [deceased]; GROMASHEVSKIY, L.V., prof., red.; YELKIN, I.I.,
 prof., red.; ZASUKHIN, L.N., doktor biol. nauk, red.;
 ZDRODOVSKIY, P.F., prof., red.; KAPICHNIKOV, M.K., kand. med.
 nauk, red.; KLEMPARSKAYA, N.N., prof., red.; KOSYAKOV, P.N.,
 prof., red.; LOZOVSKAYA, Ye.S., kand. med. nauk, red.;
 MAYSKIY, I.N., prof., red.; NUROMTSEV, S.N., prof., red.
 [deceased]; (Continued on next card)

BUGROVA, V.I.---(continued) Card 2.

NIKITIN, M.Ya., red.; NIKOLAYEVA, T.A., red.; PAVLOVSKIY, Ye.N., akademik, red.; PASTUKHOV, A.P., kand. red. nauk, red.; PETRISHCHEVA, P.A., prof., red.; POKROVSKAYA, M.P., prof., red.; POPOV, I.S., kand. med. nauk, red.; ROGOZIN, I.I., prof. red.; RUDNEV, G.P., prof., red.; SERGIYEV, P.G., prof., red.; SKHYABIN, K.I., akad., red.; SOKOLOV, M.I., prof. red.; SOLOV'YEV, V.D., prof., red.; TRIBULEV, G.P., dotsent, red.; CHUMAKOV, M.P., prof., red.; SHATROV, I.I., prof., red.; TIMAKOV, V.D., prof., red.toma; TROITSKIY, V.L., prof., red. toma; PETROVA, N.K., tekhn.red.;

[Multivolume manual on the microbiology, clinical aspects, and epidemiology of infectious diseases] Mnogotomnoe rukovodstvo po mikrobiologii klinike i epidemiologii infektsionnykh boleznei. Otv. red. N.N.Zhukov-Verezhnikov. Moskva, Medgiz. Vol.1. [General microbiology] Obshchaya mikrobiologiya. Otv. red. N.N.Zhukov-Verezhnikov. 1962. 730 p. (MIRA 15:4)

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(Continued on next card)

BUGROVA, V.I.---(continued) Card 3.

2. Chlen-korrespondent Akademii nauk SSSR (for Insheretskiy, Krasil'nikov). 3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Planel'yes, Baroyan, Boldyrev, Gorizontov, Petrishcheva, Rogozin). 4. Deyatvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Murontsev).

(MICROBIOLOGY)

VYAZOV, O. E.; MURASHOVA, A. I.

Attempt at a comparative evolutionary approach to the study of the mechanism of antibody formation. I. Study of humoral immunity factors in invertebrates. Folia microbiol 7 no.2:93-97 '62.

1. Institute of Experimental Biology, Academy of Medical Sciences of the U.S.S.R., Moscow.

(ANTIBODIES metab)

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Attempt at a comparative evolutionary approach to the study of the mechanism of autoantibody formation. II. The problem of the mechanism of autoantibody formation. Folia microbiol 7 no.2:98-103 '62.

1. Institute of Experimental Biology, Academy of Medical Sciences of the U.S.S.R., Moscow.

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Efficient method for manufacturing peronite gaskets. Khim.
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VYAZOV, P.A., inzh.

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BOCHKAREV, P.; VYAZOV, Ye. I., redaktor; ASOYAN, N.S., redaktor;
RIVINA, I.N., tekhnicheskii redaktor; MAL'CHEVSKIY, G.N.,
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[Afghanistan] Afganistan, Moskva, Gos. izd-vo geogr. lit-ry,
1953. 66 p. (MIRA 7:3)
(Afghanistan--Description and travel)

VYAZOV, Yevgeniy Il'ich; LIPETS, Yu.G., red.; VILNENSKAYA, N.N., tekhn. red.

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SEMENTOVSKIY, Vladimir Nikolayevich; VYAZOV, Ye.I., red.; NOGINA,
H.I., tekhn.red.

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(MIRA 12:9)

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SARKIZOV-SKRAZINI, Ivan Mikhaylovich, YVIAZOV, Ye.I., red.; NOGINA, E.I.,
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VYAZOV, YE. I.

KOLOBEKOV, Nikolay Vasil'yevich; VYAZOV, Ye.I., redaktor; NOGINA, N.I.,
tekhnicheskiiy redaktor

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1957, 254 p. (MLRA 10:9)
(Atmosphere) (Storms)

VYAZOVA, O.I.

Methodology used in the oncolysis reaction. Biul. eksp. biol.
i med. 47 no.4:123-126 Ap '59. (MIRA 12:7)

1. Iz laboratorii eksperimental'noy bioterapii (zav. - chlen-korrespondent AMN SSSR M.M. Mayevskiy) Instituta eksperimental'noy patologii i terapii raka (dir. - chlen-korrespondent AMN SSSR N.M. Blokhin) AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym).

(NEOPLASMS,
oncolysis, technic (Rus))

EXCERPTA MEDICA Sec 16 Vol 7/11 Cancer November 59

4699. A new assay of oncolysis (Russian text) VYAZOVA O. I. Inst. of Exp. Pathol. and Ther. of Cancer, USSR Acad. of Med. Scis, Moscow *Iyull. Eksper. Biol. i Med.* 1959, 47/4 (123-126) Graphs 2 Tables 1 Illus. 1

The proposed method of determination of the oncolytic activity of serum by densitometers is based on the photometric principle. Optimal conditions for the oncolysis reaction have been established. In principle the photometric method renders results analogous to those obtained by counting the visibly unchanged cells, but it is less cumbersome and its results are of a more standard nature.

VYAZOVA, O.I.

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1. Iz laboratorii eksperimental'noy bioterapii (zaveduyushchiy -
chlen-korrespondent AMN SSSR prof. M.M. Mayevskiy) Instituta eks-
perimental'noy patologii i terapii raka (direktor - chlen-korres-
pondent AMN SSSR prof. N.N. Blokhin) AMN SSSR. Predstavlena deyst-
vitel'nyy chlenom AMN SSSR N.N. Zhukovym-Vereshnikovym.
(NITROGEN MUSTARDS pharmacol.)

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VYAZOVAYA, Ye. S.

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ANTISHEKST, A. B., VYAZOVA, Ye. S., and DORCHENKOVA, T. A.

Lecheniya Gipotenzivnymi sredstvami bol'nykh s ostroye Tarasol'dnyye
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p. 358 V ob Aktual'nyy Problemy Nevropatologii i Psikhiatrii. Kazhyshev, 1977.

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TETKOV, G.Z., 1921; TETKOV, G.Z., 1921.

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BOROVSKIY, V.G., inzh.; VILLUMSEN, V.V., inzh.; VYAZOVIKIN, V.N., inzh.;
KALINICHEV, G.V., inzh.; LOVYAGIN, A.I., inzh.; LYZO, B.G., inzh.

Improvement in the design of tubular diesel-hammers. Stroi. i dor.
mash. 9 no.7:17-19 J1 '64. (MIRA 18:3)

VYAZOVIKOV, Mikhail Il'ich; KLEYMAN, M.Ya, redaktor; ZIBROVA, K.D.,
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gradskoe kn-vo, 1956. 79 p. (MLBA 9:11)
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~~VYAZOVIKOV, Mikhail Il'ich~~; KUKLIN, P.V., redaktor; ZIBROVA, K.D.,
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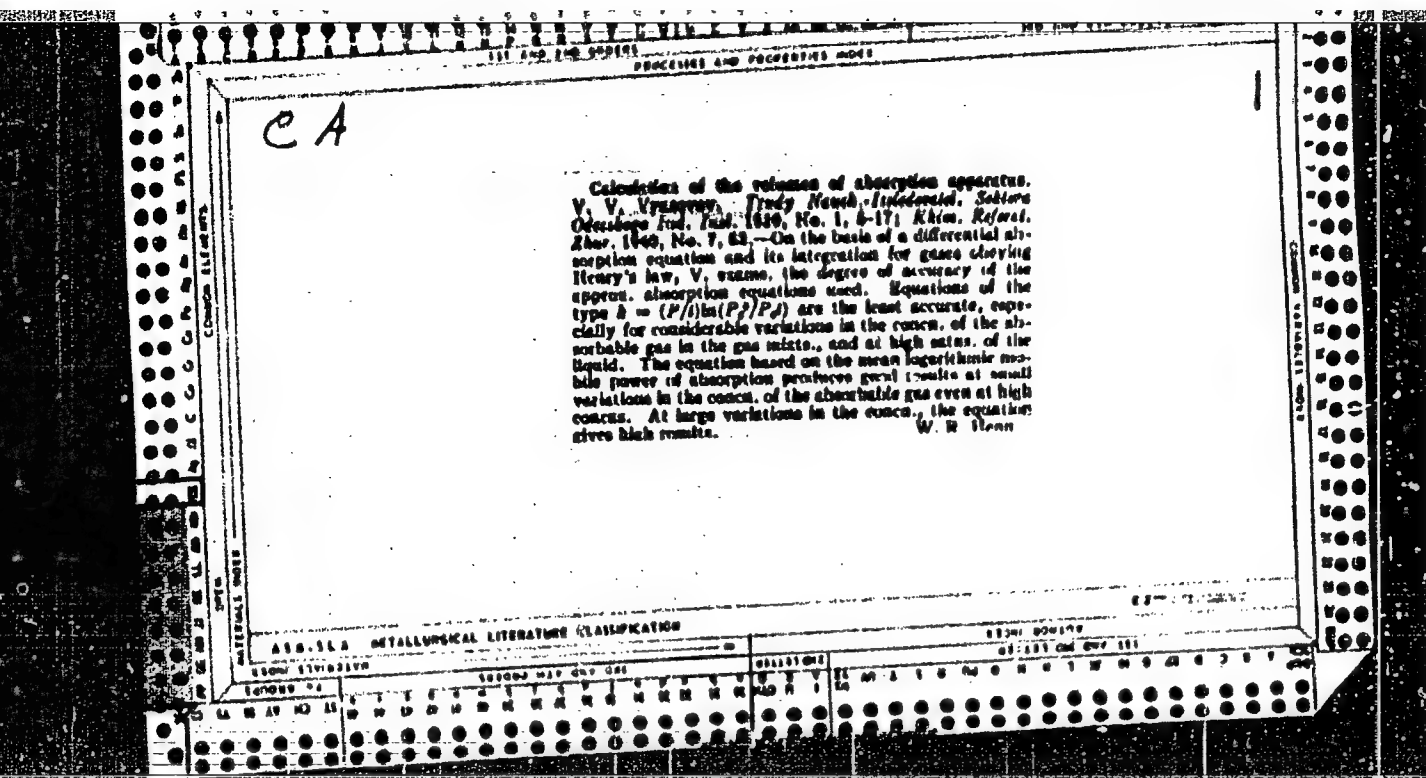
[2,310,000 kilowatts; on the fifth anniversary of the publication
of the decree by the Soviet of Ministers of the U.S.S.R. on the
construction of the Stalingrad Hydroelectric Power Station]
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[Stalingrad] Stalingradskoe knizhnoe izd-vo, 1956. 63 p. (MIRA 10:6)
(Stalingrad Hydroelectric Power Station)

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78 p. illus., map

So: 428N/5
756.122
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ASAC-A METALLURGICAL LITERATURE CLASSIFICATION

FROM SYNOPTIC

FROM COMPANY

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YAZOV, V. V.

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The coefficient of liquid absorption. V. V. Vyazovoy,
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liquid to the absorption of gases plays an important part
in the absorption of all gases, even when the gas is as sol.
as NH₃ in H₂O.

H. M. Leicester

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The absorption potential of oxides of N by H_2SO_4 , K. K. Lopatin and V. V. Yanyanov, *Chem. Ind.* (U. S. S. R.) 18, No. 8, 24-6 (1941).—The equation of Kuzminykh, *et al.* (*C. A.* 29, 1702³) for the absorption of NO_2 by H_2SO_4 applies only at equil. mixts. of NO and NO_2 . Modified equations are derived for all concns. of these gases. These show that, contrary to the statement of K., excess of NO in the gas has an effect on the rate of absorption.

H. M. Leicester

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VYAZOVQV, V.V.

VIAZOVQV, V.V. Materialy po petrografii Rayonov solenakopleniya. (Sbornik statey)
pod obshch red. V.V. vyazovova. (1 Dr)L., Moskva: Khimizdat, 1954 351s.s.ill
22sm. (M-vo khim. prom-sti sssr Glavgorkhimprom. trudy vseoyuz. nauch-issled in ta
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553.634 (616.3)

So: Knizhnaya Letopis (page 20)vol.7, 1965

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ZDANOVSKIY, A.B.; VYAZOV, V.V., red.; KOTS, V.A., red.; ERLIKH, Ye.Ya.,
tekhn. red.

[Kinetics of solution of natural salts in forced convection conditions] Kinetika rastvorenia prirodnkh soli v usloviakh
vynuzhdennoi konveksii. Leningrad, Gos. nauchno-tekhn. izd-vo
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sledovatel'skii institut galurgii. Trudy no.33). (MLRA 10:9)
(Solution (Chemistry)) (Salts)

VYAZOV, V. V.

VYAZOV, V.V., red.; KASHKAROV, O.D., red.; TOMARCHENKO, S.L.,
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[Problems of the production of potash fertilizers] Voprosy
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178 p. (Its Trudy) (MIRA 17:11)

1. Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy institut
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AKHUMOV, Yevgeniy Ivanovich; VYAZOV, V.V., red.; POZDYSHEVA, V.A., red.;
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[Study of supersaturated aqueous salt solutions] Issledovanie
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tekhn.izd-vo khim. lit-ry, 1960. 127 p. (Leningrad. Vsesoiuznyi
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(MIRA 14:7)

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VYAZOV, V.V.

"Investigations of the "Research Institute os Halurgie" concerning the complex processing of potash salts."

Report presented at the Intl Symposium on Potassium Salts
Erfurt, GDP 16-18 Oct 1961

SOV/124-58-5-5505

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 80 (USSR)

AUTHORS: Vyazovov, V.V., Gimmel'brandt, G.N., Kaganskiy, I.M.

TITLE: Optimum Gas Velocities in Diaphragm-type Heat Exchangers
(Optimal'nyye skorosti gazov v teploobmennikakh s perego-
rodkami)

PERIODICAL: Sb. nauchn. tr. Yerevansk. politekhn. in-t, 1957, Nr 16,
pp 105-120

ABSTRACT: Bibliographic entry

1. Gases--Velocity 2. Heat exchange--Performance

Card 1/1

VYAZOV, Yu.S.

Ring and conic tuff structures in the boundaries of the Tunguska
syncline in connection with prognostic problems. Biul. MOIP Otd.
geol. 40 no. 6:135-136 N-D '65 (MIRA 19:1)

1. Submitted May 18, 1965.

ZDANOVSKIY, A.B.; SOLOV'YEVA, Ye.F.; EZROKHI, L.L.; LYAKHOVSKAYA, Ye.I.; VYAZOVOVA, V.V., red.; PEL'SHA, A.D., red.; KOTS, V.A., red.; LEVIN, S.S., tekhn. red.; ERLIKH, Ye.Ya., tekhn. red.

[Manual of experimental data on the solubility of salt systems]
Spravochnik eksperimental'nykh dannykh po rastvorimosti solevykh sistem. Leningrad, Gos. nauchno-tekhn.izd-vo khim. lit-ry.
Vol.3. [Two-component systems; elements of the I group and their compounds] Dvukhkomponentnye sistemy; elementy I gruppy i ikh soedineniia. Sost. A.B.Zdanovskii i dr. Pod red. V.V. Viazovova, A.D.Pel'sha, 1961. 2224 p. (MIRA 15:3)

1. Leningrad. Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii.
(Salts) (Systems (Chemistry)) (Solubility)

VYAZOVY, I.P.

Magnetic thickness gauge with a universal scale. Zav. lab. 25
no. 2:225-227 ' 59. (MIRA 12:3)
(Thickness measurement)

28(5)

SOV/32-25-2-49/78

AUTHOR: Vyazovoy, I. P.

TITLE: A Magnetic Thickness Gauge With a Universal Scale (Magnitnyy tolshchemer s universal'noy shkaloy)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 2, pp 225 -227 (USSR)

ABSTRACT: An apparatus for the measuring of the thickness of coatings on ferromagnetic materials has been designed. The universal scale (Fig) consists of a larger number of individual scales mounted radially. Each scale is provided for an individual material with certain magnetic properties. When the scales were graduated some functional relations were observed which made it possible to design the apparatus under discussion. It consists, basically, of a lever on which there are a solenoid and a spiral spring. The upper end of the spring has certain positions on the universal scale which, however, can be curved right and left, whereby the values necessary to calculate the thickness of the coatings are found. A description of the method of determination with various data on the possibility to combine the scales follows. It is stated

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A Magnetic Thickness Gauge With a Universal Scale

SOV/32-25-2-49/78

that the limit of error in measurements up to 100μ is $\pm 5\%$.
There is 1 figure.

Card 2/2

FOR THE YEAR 1961

1961-1962

Card 1/2

ACCESSION NR: AP4048841

SUBJECT: --

Card 2/2

VYAZOVY, I.P.

New device for the control of material for metal products.
Priborostroenie no.11:25-26 N '64. (MIRA 18:1)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961320018-0

WAZOVOL, I. F.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001961320018-0"

27628
S/194/61/000/002/003/039
D216/D302

1.8000

AUTHOR: Vyazovoy, I.P.

TITLE: A universal scale magnetic thickness gauge

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 2, 1961, 21, abstract 2 A148 (Tr. in-ta fiz.
metallov AN SSSR, no. 21, 1959, 125-129)

TEXT: A circuit description is given of an instrument for measuring the thickness of coatings. The instrument is based on the magnitude of force under which the electromagnet is attracted towards the coated side of component. The instrument has a universal scale which represents an infinite number of individual scales interconnected in parallel and printed on a drum. This arrangement permits the measuring of the thickness of the coating on components of various magnetic properties. Before the measurements of a given type of component, the instrument is set for the parting of the electromagnet with the non-coated side of the component which determines

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D216/D302

A universal scale...

the individual scale to be used. 4 figures. See also RZhE, 1960,
no. 3, 4, 10514. 4

Card 2/2

ROZOV, S.V., prof.; RYZHENKO, I.M., kand. tekhn. nauk, retsenzent;
GUROV, K.A., inzh., retsenzent; VYAZOVOY, M.I., inzh.,
retsenzent; KOZLOV, A.P., red.-izd-va; GORDEYEVA, L.P.,
tekhn. red.

[Course in mechanical drawing] Kurs chercheniia. izd. 1, spr.
Moskva, Mashgiz, 1963. 319 p. (MIRA 17:1)

PRONINA, M.M.; VYAZOVY, P.I.

Universal machine. Zashch. rast. ot vred. i bol. 9 no.6:6-7
'64 (MIRA 17:7)

1. Zaveduyushchaya Saratovskim punktom sluzhby ucheta i prog-
nozov (for Pronina). 2. Nachal'nik Ostrogozhskogo otryada po
bor'be s vreditelyami i boleznyami rasteniy, Voronezhskaya
obl. (for Vyazovcy).

VYAZOVOY, P.I., agronom po zashchite rasteniy (Ostrogozhskiy rayon,
Voronezhskoy oblasti)

Mobile unit. Zashch. rast. ot vred. i bol. 9 no.12:8-10 '64.
(MIRA 18:4)

VYAZOVOY, Yu.A.; TIMONTAYEV, V.P.

Semiautomatic machine for trimming burrs. Mashinostroitel' no.
2:12 F '64. (MIRA 17:3)

VYAZOVY, Yu.A.

Pneumatic pipe clamp during cutting. Ratsionalizatsiia 14
no.8:20 '64.

VYAZOVOY, Yu.A.

Pneumatic clamping of pipes in cutting. Mashinostroitel'
no. 5:20 My '64. (MIRA 17:7)

VIAZOVY, Yu.A.

Hydraulic clamp for pipes. Mashinostroitel' no.1:28 Ja '62.
(MIRA 15:1)

(Oil hydraulic machinery)

DEYCH, A.Ya.; VYAZOVSKAYA, A.B.

Some physicochemical properties of aminoacetic acid aqueous solutions. Zhur. fiz. khim. 38 no.4:980-983 Ap '64.
(MIRA 17:6)

1. Rzhskiy institut inzhenerov Grazhdanskogo vozduhnogo flota.

VIAZOVSKAIA, N.; BELYAYEVA, V.

Moldavia - Muskrats

Muskrat in Moldavia. Vokrug sveta No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

ZHAROVSKIY, F.G.; VYAZOVSKAYA, L.M.

Extraction of titanium and zirconium from sulfate solutions.
Ukr. khim. zhur. 31 no.8:839-844 '65. (MIRA 18:9)

1. Kiyevskiy gosudarstvennyy universitet imeni Shevchenko.

L 1588-66 EWT(m)/EPF(n)-2/EP(t)/EP(b) LJP(c) JD/WH/JG

UR/0073/65/031/008/0839/0844

ACCESSION NR: AP5020956

AUTHOR: Zharovskiy, F. G.; Vyazovskaya, L. M.

TITLE: ¹¹Titanium and ¹¹zirconium extraction from sulfuric acid solutions

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 31, no. 8, 1965, 839-844

TOPIC TAGS: titanium, zirconium, metal extracting, solvent extraction, sulfuric acid, organic solvent

ABSTRACT: The study deals with the effect of acid concentration and nature of the extractant on distribution of titanium and zirconium in the system sulfuric acid-organic solvent. The following organic solvents were used: n-butyl, isobutyl, n-amyl, isoamyl, hexyl, heptyl, octyl, and benzyl alcohol, diethyl ether, acetophenone. Distribution of titanium and zirconium in the system was studied with a measuring cylinder containing a sulfuric acid solution of either metal, sulfuric acid of another concentration and the organic extractant, all in measured amounts. The container was shaken for 15 minutes, then the equilibrium phases

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ACCESSION NR: AP5020956

separated and the metal content was determined chemically or by photometry. Titrers of the solutions were determined gravimetrically. The distribution coefficient of titanium and zirconium was found to increase with an increase in initial sulfuric acid concentration. Under the same conditions titanium was extracted more easily than zirconium. Extraction decreased to almost zero upon passing from alcohols to ethers. For normal alcohols extractive ability increased with increasing dielectric penetrability. It was found that a 50% solution of tributylphosphate in carbon tetrachloride would extract titanium and zirconium almost completely from a 12.4 m sulfuric acid solution. Orig. art. has: 4 tables

ASSOCIATION: Kiyevskiy gosudarstvenny universitet im. T. G. Shevchenko
(Kiev State University)

SUBMITTED: 19Mar64

ENCL: 00

SUB CODE: MM

NR REF SOV: 007

OTHER: 004

Card 2/2

ZHAROVSKIY, F.G.; VYAZOVSKAYA, L.M.

Distribution of sulfuric acid in the system water ~ organic
solvent. Ukr. khim. zhur. 31 no.3:270-276 '65. (MIRA 18:4)

1. Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko.

VYAZOVSKAYA, N.; BELYAYEVA, V.

Muskrats - Moldavia

Muskrat in Moldavia. Vokrug sveta No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

VYAZOVSKAYA, N.M.; ATROSHCHENKO, F.A.; ZASLAVSKIY, Ye.I.; ZAYTOV, M.A.

Establishing standards for the number of cutting bits used.
Nauch. trudy KNIUI no.13:351-356 '64 (MIRA 18:1)

ATROSHCHENKO, F.A.; VYAZOVSKAYA, N.M.; TIMCHENKO, A.M.; KHODZHAYEVA, Ye.N.

Establishing norms for the use and the length of service of
metal supports in development workings in mines of the Kara-
gandaul' Combine. Nauch. trudy KNIUI no.13:356-368 '64
(MIRA 18:1)

VYAZOVSKAYA, F.D. (Khar'kov)

Inhibitory action of substances of plant origin on some endocrine
functions. Usp. sovr. biol. 56 no.2:265-273 - ~~S-0~~ '63.

(MIRA 17:5)

VYAZOVSKAYA, R.D.

State and interrelationships of the hypophysis, the thyroid gland,
and gonads in experimental hypertension. Sbor. nauch. trud. Ukr.
nauch.-issl. inst. eksper. endok. 15:234-240 '59. (MIRA 14:11)
(HYPERTENSION) (ENDOCRINE GLANDS) -

VYAZOVSKAYA, R.D., MASTBAUM, I.S., SIMON, I.B. (Khar'kov)

Histochemical method of cholinesterase determination. Arkh.pat.
18 no.3:114-116 '56 (MIRA 11:10)

1. Iz otdela khimii gormonov (zav. -kandidat khimicheskikh nauk
I.B. Simon) i otdela gistofiziologii (zav. - prof. B.V. Aleshin)
Ukrainskogo instituta eksperimental'noy endokrinologii i kafedry
khirurgicheskikh bolezney Khar'kovskogo meditsinskogo stomatologicheskogo
instituta.

(CHOLINESTERASE, determ.

in thyroid gland tissue of man & rabbits, new method
(Rus))

(THYROID GLAND, metab.

cholinesterase, determ. in thyroid gland tissue of man
& rabbits, new method (Rus))

VYAZOVSKAYA, R.D.; MAMINA, V.V.

Correlation between the concentration of thyrotropic hormone
in the hypophysis and in the peripheral blood. Biul. eksp. biol.
i med. 49 no.2:36-40 F '60. (MIRA 14:5)

1. Iz otdela gistofiziologii (zav. - zasluzhennyy deyatel' nauki
prof. B.V. Aleshin) Ukrainskogo instituta eksperimental'noy endo-
krinologii (dir. - kandidat meditsinskikh nauk S.M. Maksimov).
Khar'kov. Predstavlena deystvitel'nyy chlenom AMN SSSR V.V. Parinym.
(PITUITARY HORMONES)

BRESLAVSKIY, A.S.; VYAZOVSKAYA, R.D.

Effect of benzohexonium on the insular apparatus of the pancreas.
Vrach. delo no.11:20-25 N '61. (MIRA 14:11)

1. Otdel gistofiziologii (zav. - zasluzhennyy deyatel' nauki
prof. B.V.Aleshin) Ukrainского instituta eksperimental'noy endo-
krinologii.

(PANCREAS)

(HEXOMIUM)

VYAZOVSKAYA, R.D.

Correlation between the content of follicle-stimulating hormone
in the hypophysis and in the peripheral blood. Trudy Ukr.nauch.-
issl.inst.eksper.endok. 18:256-264 '61. (MIRA 16:1)

1. Iz otdela gistofiziologii Ukrainskogo instituta eksperimen-
tal'noy endokrinologii. (PITUITARY HORMONES)

VYAZOVSKAYA, R.D.

Effect of ganglionic blocking substances on the gonadotropic
(follicle-stimulating) hypophyseal function. Trudy Ukr. nauch.-issl.
inst. eksper. endok. 19:332-340 '64. (MIRA 18:7)

1. Iz otdela gistofiziologii Ukrainskogo instituta eksperimental'noy
endokrinologii.

VYAZOVSKAYA, R.D.; RYABUSHKO, Ye.O.; SHEYNERMAN, M.D. [deceased]

Effect of the extract of raspberry leaves on the gonads and hypophysis.
Trudy Ukr. nauch.-issl. inst. eksper. endok. 19:341-352 '64. (MIRA 18:7)

1. Iz otdela gistofiziologii Ukrainskogo instituta eksperimental'noy
endokrinologii.

Y. I. L. O. V. S. K. A. Y. U. R. D.
The samples of *S-naphthyl* acetate were treated with a buffer solution of the tetra-
nium salt of *S-naphthyl* acetate and *S-naphthyl* acetate had then
examined for the intensity of color, distribution, and size of
dot-like agglomerates of violet-colored granules. Details
for the preparation of the reagents and the method were pre-
sented.

Q. A. Chern

VYAZOVSKAYA, R.D., MASTBAUM, I.S., SIMON, I.B.

To Professor I.V. Davydovskii, active member of the Academy of
Medical Sciences of the U.S.S.R. and editor of "Arkhiv patologii."
Arkh.pat. 20 no.8:81-84 '58 (MIRA 11:9)
(CHOLINESTERASE)

USSR/Morphology of Man and Animals - Histochemistry.

S-2

Abs Jour : Ref Zhur - Biol., No 6, 1958, 26387

Author : Vyazovskaya, R.D., Mastbaum, I.S., Simon, I.B.

Inst :

Title : Histochemical Method for the Determination of Cholinesterase.

Orig Pub : Arkhiv patologii, 1956, 18, No 3, 114-116.

Abstract : This method is based on the ability of cholinesterase to hydrolyze simple ethers of naphthol (naphthyl acetate). The following solution was prepared: 12.5 ml of a 2N NaCl solution were mixed with 12.5 ml of a 3% CaCl_2 solution, to this were added 12.5 ml of Medinal buffer (0.1M; pH 7.3) and then 4 mg of betanaphthyl acetate, dissolved in 0.25 mg of acetone, followed by 12 mg of tetrazone, the solution was shaken, filtered and used immediately. The initial reagents were prepared in advance. The sections of fresh nonfixed tissue,

Card 1/2

VYAZOVSKAYA, R. D.

VYAZOVSKAYA, R. D.: "Some data on the state and interrelationships of the hypophysis, thyroid gland, and gonads in experimental hypertonia." Khar'kov, 1955. Khar'kov, Medical Inst. (Dissertation for the Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letopis' No. 47, 19 November 1955. Moscow.

VYAZOVSKAYA, R.D.

Effect of the irritation and removal of the superior cervical
ganglia on the anterior lobe of the pituitary under the
influence of aminazine. Probl. endok. i gorm. 6 no. 2:64-72

Mr-Apr '60.

(MIRA 14:1)

(CHLORPROMAZINE) (PITUITARY BODY)
(NERVOUS SYSTEM, AUTONOMIC)

VYAZOVSKIY, I. (Kiyev); ZHOKHOV, V. (Baku); DEMCHENKO, N. (Rovno)

Proposals of efficiency promoters. Pozh. delo 8 no.10:28
0 '62. (MIRA 15:10)

(Fire prevention)

VYAZOVSKIY, I.A., nauchnyy sotrudnik

Improving the technic of photographing optic sections of the cornea and crystalline lens. Oft. zhur. 16 no.4:227-232 '61. (MIRA 14:7)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo instituta glaznykh bolezney i tkanevoy terapii imeni akademika F.P.Filatova (direktor - prof. M.A.Puchkovskaya.
(PHOTOGRAPHY, MEDICAL) (EYE)

VYAZOVSKIY, I.A., nauchnyy sotrudnik

Apparatus for objective determination of visual acuity. Ort.
zhur. 17 no.7:391-395 '62. (MIRA 16:3)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terpii imeni akademika
V.P. Filatova (dir. - chlen-korrespondent AMN SSSR prof. N.A.
Puchkovskaya).

(EYE, INSTRUMENTS AND APPARATUS FOR)

S/033/62/039/004/008/008
E032/E514

AUTHOR: Vyazovskiy, M.V.

TITLE: The stability of a gravitating cylinder with respect to asymmetric oscillations in the presence of a magnetic field

PERIODICAL: Astronomicheskiy zhurnal, v.39, no.4, 1962, 746-749

TEXT: It is noted that an infinitely long liquid cylinder has been shown to be stable with respect to transverse oscillations and also with respect to longitudinal oscillations when the compressibility is taken into account. Moreover, the presence of a magnetic field in the direction of the cylinder enhances the stability with respect to transverse oscillations. In the case of a uniform field, the cylinder also remains stable with respect to asymmetric oscillations. However, it is pointed out that it would be useful to re-examine this problem by deriving directly the dispersion equation for this case and examining its consequence. This is done in the present paper, assuming that the uniform magnetic field is directed along the axis of the cylinder, the medium is incompressible and its electrical conductivity infinitely

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The stability of a gravitating ... S/033/62/039/004/008/008
E032/E514

large. It is further assumed that the oscillations of the medium are small. Direct solution of the equations for this problem is then shown to lead to a dispersion equation which is identical to that obtained by Chandrasekhar and Fermi (Problems of Modern Physics, IIL, No.2, 112, 1954). An examination of the form of this dispersion equation shows that, as was to be expected, the cylinder remains stable with respect to asymmetric oscillations when located in a magnetic field. ✓

ASSOCIATION: Vsesoyuznyy zaochnyy politekhnicheskiy institut
(All Union Correspondence Polytechnic Institute)

SUBMITTED: June 13, 1961

Card 2/2

VYAZOVSKIY, M.V.

Stability of a gravitating cylinder in relation to nonsymmetrical
oscillations in the presence of a magnetic field. Astron.zhur. 39
no.4:746-749 J1-Ag '62. (MIRA 15:7)

1. Vsesoyuznyy zaochnyy politekhnicheskii institut.
(Magnetohydrodynamics)

VYAZOVSKIY, P., starshiy inzh.

Achievements of the Borovskii interfarm construction organization.
Sel'. stroi. 15 no. 2:15 F '61. (MIRA 14:5)

1. Kokchetavskoye oblastnoye upravleniye po stroitel'stvu v
kolkhozakh Kazakhskoy SSR.
(Kokchetav Province—Construction industry)
(Collective farms—Interfarm cooperation)